

## Table ENG-4. - Building Site Development

Amelia County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:							
Appling	100	Somewhat limited Low strength	0.78	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	
1C:							
Appling	100	Somewhat limited Low strength Slope	0.78 0.37	Somewhat limited Slope Too clayey Cutbanks cave	0.37 0.28 0.10	Somewhat limited Slope	0.37
Partlow		Not Rated		Not Rated		Not Rated	
2B:							
Buncombe	100	Somewhat limited Flooding	0.40	Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.98
3B:							
Cecil	100	Very limited Low strength	1.00	Somewhat limited Too clayey Cutbanks cave	0.72 0.10	Not limited	
3C:							
Cecil	100	Very limited Low strength Slope	1.00 0.37	Somewhat limited Too clayey Slope Cutbanks cave	0.72 0.37 0.10	Somewhat limited Slope	0.37
Partlow		Not Rated		Not Rated		Not Rated	
4A:							
Chastain	100	Very limited Depth to saturated zone Flooding Low strength	1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00 0.80 0.10	Very limited Flooding Depth to saturated zone	1.00 1.00
5A:							
Chewacla	100	Very limited Flooding Low strength Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00 0.80 0.10	Very limited Flooding Depth to saturated zone	1.00 1.00
Chastain		Not Rated		Not Rated		Not Rated	
6B:							

# Table ENG-4. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
6B:							
Cid	100	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Depth to saturated zone	0.68
		Depth to saturated zone	0.68	Depth to saturated zone	1.00	Depth to bedrock	0.10
		Shrink-swell	0.50	Too clayey	0.28	Content of large stones	<0.01
Partlow		Not Rated		Not Rated		Not Rated	
6C:							
Cid	100	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Depth to saturated zone	0.68
		Depth to saturated zone	0.68	Depth to saturated zone	1.00	Depth to bedrock	0.10
		Shrink-swell	0.50	Too clayey	0.28	Slope	0.04
Partlow		Not Rated		Not Rated		Not Rated	
7B:							
Colfax	100	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to thick cemented pan	1.00	Depth to saturated zone	1.00
		Depth to thick cemented pan	0.16	Depth to saturated zone	1.00	Depth to cemented pan	0.16
				Cutbanks cave	0.10		
Partlow		Not Rated		Not Rated		Not Rated	
8B:							
Creedmoor	100	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.78
		Shrink-swell	1.00	Too clayey	0.28		
		Depth to saturated zone	0.78	Cutbanks cave	0.10		
Wet Areas		Not Rated		Not Rated		Not Rated	
9A:							
Dogue	100	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.03
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Flooding	0.40	Too clayey	0.03		
Roanoke		Not Rated		Not Rated		Not Rated	

9B:

# Table ENG-4. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
9B:							
Dogue	100	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated	1.00	Depth to saturated	0.03
		Shrink-swell	0.50	zone		zone	
		Flooding	0.40	Cutbanks cave	0.10		
				Too clayey	0.03		
Roanoke		Not Rated		Not Rated		Not Rated	
10B:							
Georgeville	100	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.50		
				Cutbanks cave	0.10		
Partlow		Not Rated		Not Rated		Not Rated	
10C:							
Georgeville	100	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Slope	0.37	Slope	0.37		
				Cutbanks cave	0.10		
Partlow		Not Rated		Not Rated		Not Rated	
11B:							
Helena	100	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	0.78
		Low strength	1.00	zone		zone	
		Depth to saturated	0.78	Too clayey	0.28		
		zone		Cutbanks cave	0.10		
Partlow		Not Rated		Not Rated		Not Rated	
11C:							
Helena	100	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated	1.00	Depth to saturated	0.78
		Low strength	1.00	zone		zone	
		Depth to saturated	0.78	Slope	0.37	Slope	0.37
		zone		Too clayey	0.28		
Partlow		Not Rated		Not Rated		Not Rated	
12B:							
Herndon	100	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.28		
				Cutbanks cave	0.10		
Partlow		Not Rated		Not Rated		Not Rated	
12C:							

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
12C:							
Herndon	100	Very limited Low strength Slope	1.00 0.37	Somewhat limited Slope Too clayey Cutbanks cave	0.37 0.28 0.10	Somewhat limited Slope	0.37
Partlow		Not Rated		Not Rated		Not Rated	
13B:							
Mayodan	100	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	
13C:							
Mayodan	100	Very limited Low strength Shrink-swell Slope	1.00 0.50 0.37	Somewhat limited Slope Too clayey Cutbanks cave	0.37 0.28 0.10	Somewhat limited Slope	0.37
Partlow		Not Rated		Not Rated		Not Rated	
14D:							
Pacolet	100	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Partlow		Not Rated		Not Rated		Not Rated	
14E:							
Pacolet	100	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
15C3:							
Pacolet	100	Somewhat limited Slope	0.37	Somewhat limited Slope Cutbanks cave	0.37 0.10	Somewhat limited Slope	0.37
Partlow		Not Rated		Not Rated		Not Rated	
15D3:							
Pacolet	100	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Partlow		Not Rated		Not Rated		Not Rated	
16A:							

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Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
16A:							
Partlow	100	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Flooding	0.40	Cutbanks cave	0.10		
17A:							
Roanoke	100	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50	Cutbanks cave	0.10		
18B:							
State	100	Somewhat limited		Somewhat limited		Not limited	
		Flooding	0.40	Depth to saturated zone	0.15		
		Low strength	0.22	Cutbanks cave	0.10		
Roanoke		Not Rated		Not Rated		Not Rated	
19A:							
Toccoa	100	Very limited		Somewhat limited		Very limited	
		Flooding	1.00	Flooding	0.80	Flooding	1.00
				Depth to saturated zone	0.73		
				Cutbanks cave	0.10		
20C:							
Wedowee	100	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.37	Slope	0.37	Slope	0.37
				Cutbanks cave	0.10		
				Too clayey	0.02		
Partlow		Not Rated		Not Rated		Not Rated	
20D:							
Wedowee	100	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	0.10		
				Too clayey	0.02		
Partlow		Not Rated		Not Rated		Not Rated	
20E:							
Wedowee	100	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	0.10		
				Too clayey	0.02		
21B:							

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Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
21B:							
Wedowee	70	Not limited		Somewhat limited		Not limited	
				Cutbanks cave	0.10		
				Too clayey	0.02		
Poindexter	30	Not limited		Somewhat limited		Somewhat limited	
				Depth to hard bedrock	0.13	Depth to bedrock	<0.01
				Cutbanks cave	0.10		
				Depth to soft bedrock	<0.01		
21C:							
Wedowee	70	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.37	Slope	0.37	Slope	0.37
				Cutbanks cave	0.10		
				Too clayey	0.02		
Poindexter	30	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.37	Slope	0.37	Slope	0.37
				Depth to hard bedrock	0.13	Depth to bedrock	<0.01
				Cutbanks cave	0.10		
Partlow		Not Rated		Not Rated		Not Rated	
21D:							
Wedowee	70	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	0.10		
				Too clayey	0.02		
Poindexter	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to hard bedrock	0.13	Depth to bedrock	<0.01
				Cutbanks cave	0.10		
Partlow		Not Rated		Not Rated		Not Rated	
21E:							
Wedowee	70	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	0.10		
				Too clayey	0.02		
Poindexter	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to hard bedrock	0.13	Depth to bedrock	<0.01
				Cutbanks cave	0.10		
22B:							

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Amelia County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
22B:							
Winnsboro	100	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	1.00	Cutbanks cave	0.10		
22C:							
Winnsboro	100	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	1.00	Too clayey	0.28		
		Slope	0.37	Cutbanks cave	0.10		
W:							
Water	100	Not Rated		Not Rated		Not Rated	